2-699-693-**11** (1)

SONY

Printer Driver
(for Mac OS X)

Installation Guide

This guide describes installation and the use of the Printer Drivers for Mac OS X.

Before Using this Software

Before using the printer driver, be sure to read the “ReadMe” file located on the CD-ROM.

UP-CX1 Series

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Operation Environment Requirements

The system requirements for use of the printer driver are as follows.

- Operating system: Mac OS X 10.3 or later
- Computer: Macintosh computer running Mac OS X, with USB port as standard equipment
- Memory: 128 MB or more
- Hard disk: At least 2 MB of free space at time of installation

About USB 2.0

- The UP-CX1 series conforms to USB 2.0 specifications.
- USB 2.0 is fully backward compatible with USB 1.1.
- USB 2.0 supports conventional Full (low) speed and Hi-Speed operation.
- In a USB 1.1 environment, connection and operation at Full speed is possible. For Hi-Speed operation, the following requirements must be met.
  – Operating system
    Mac OS X 10.3 or later
  – Computer
    Macintosh computer providing USB 2.0 port as standard equipment
  – Certified USB 2.0 cable

Note

The printer will not operate in a Mac OS X Classic environment.

About This Document

The screen messages and other information shown in this document assume connection of the UP-CX1. If another printer model from the UP-CX1 series is connected, read any occurrence of “UP-CX1” as the model name of your printer.
The screen messages and other information shown in this document assume the use of Mac OS X 10.4.x. Actual messages may differ slightly depending on your system and application software.

Installing the Printer Driver

Before Installation

Connecting multiple printers

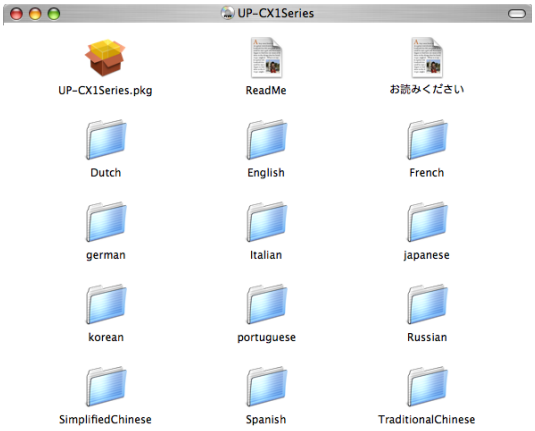
When several UP-CX1 series printers are connected to a single computer, install the printer driver for the first printer, according to the explanation in “Installation Procedure.” Then connect the subsequent UP-CX1 series printers to the computer and refer to the section “Using More Than One Printer.”

Installation Procedure

1 With the printer not yet connected to the computer, turn power to the computer on.

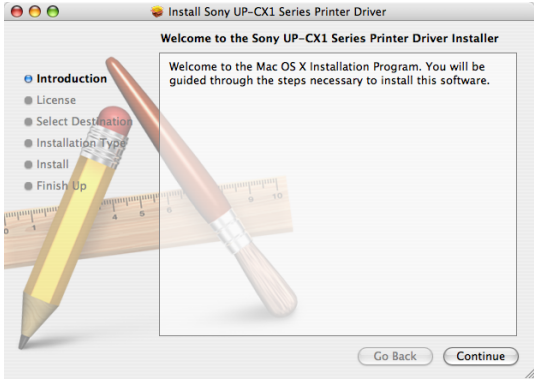
2 Insert the supplied CD-ROM “PRINTER DRIVER & INSTRUCTIONS FOR USE UP-CX1” into the CD-ROM drive and double-click the [UP-CX1Series] icon on the desktop. If you have downloaded the driver from a web site, double-click the downloaded file to mount it, and then double-click the [UP-CX1Series] icon on the desktop.

The following screen appears.



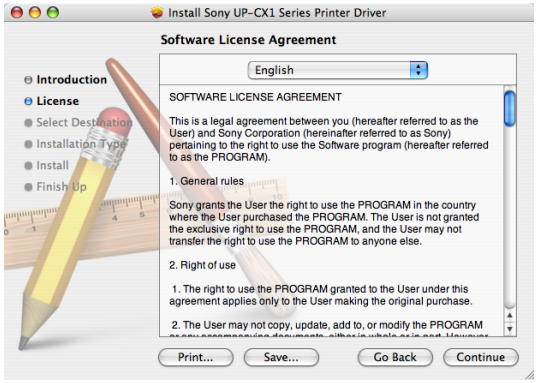
3 Double-click the [UP-CX1Series.pkg] icon.

The following installation screen appears.


Install Sony UP-CX1 Series Printer Driver
Welcome to the Sony UP-CX1 Series Printer Driver Installer
Introduction
License
Select Destination
Installation Type
Install
Finish Up
Welcome to the Mac OS X Installation Program. You will be guided through the steps necessary to install this software.
Go Back
Continue

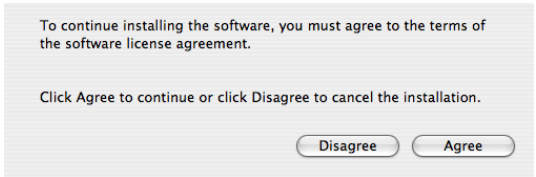
4 Click [Continue].

The Software License Agreement screen appears.


Install Sony UP-CX1 Series Printer Driver
Software License Agreement
Introduction
License
Select Destination
Installation Type
Install
Finish Up
English
SOFTWARE LICENSE AGREEMENT
This is a legal agreement between you (hereafter referred to as the User) and Sony Corporation (hereinafter referred to as Sony) pertaining to the right to use the Software program (hereafter referred to as the PROGRAM).
1. General rules
Sony grants the User the right to use the PROGRAM in the country where the User purchased the PROGRAM. The User is not granted the exclusive right to use the PROGRAM, and the User may not transfer the right to use the PROGRAM to anyone else.
2. Right of use
1. The right to use the PROGRAM granted to the User under this agreement applies only to the User making the original purchase.
2. The User may not copy, update, add to, or modify the PROGRAM
Print...
Save...
Go Back
Continue

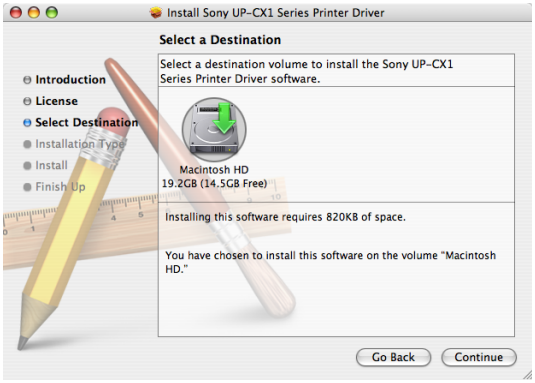
5 Read the Software License Agreement and then click [Continue].

The Software License Agreement acceptance sheet appears.


To continue installing the software, you must agree to the terms of the software license agreement.
Click Agree to continue or click Disagree to cancel the installation.
Disagree
Agree

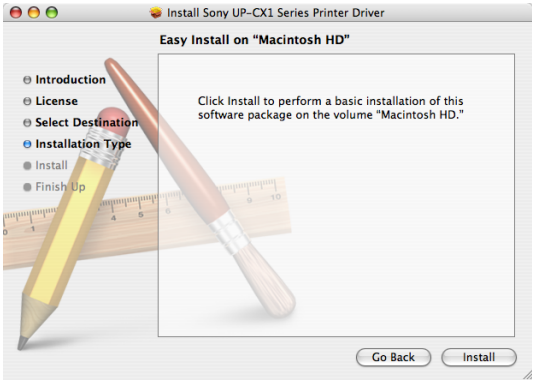
6 To accept the Software License Agreement, click [Agree].

The installation destination screen appears.



7 Select the boot disk as destination volume and click [Continue].

The installation type screen appears.

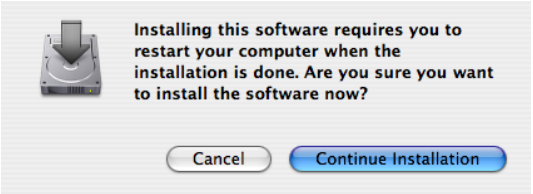


8 Click [Install] or [Upgrade].

The Authenticate screen appears.

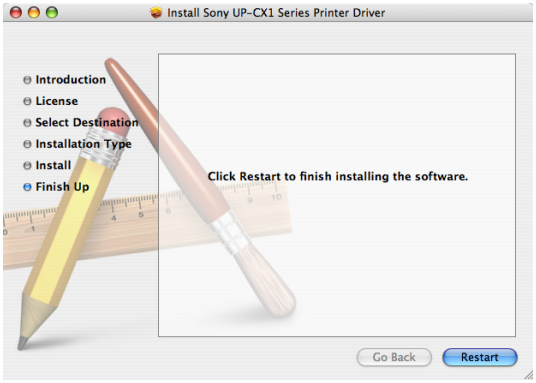
9 Enter the administrator [Name] and [Password], and click [OK].

The restart confirmation sheet appears.


Installing this software requires you to restart your computer when the installation is done. Are you sure you want to install the software now?
Cancel
Continue Installation

10 Click [Continue Installation].

The installation begins. When the procedure is finished, the following restart message appears.



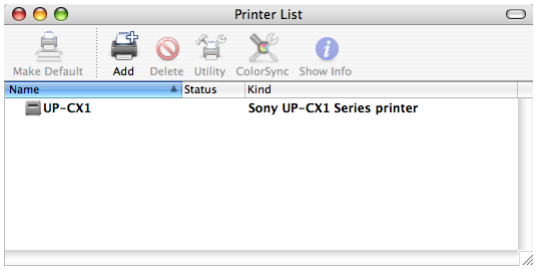
11 Click [Restart].

The computer restarts and the installation is complete.

12 After the computer has restarted, connect the printer to the computer using a USB cable, and turn power to the printer on.

After a while, the printer will be automatically recognized and available for use.

To verify that the printer is ready for use, bring up the Printer List in the Printer Setup Utility. If the model name of your UP-CX1 series printer is shown in the list, the printer can be used.
To start the Printer Setup Utility, open [Applications] - [Utilities] - [Printer Setup Utility].



Note

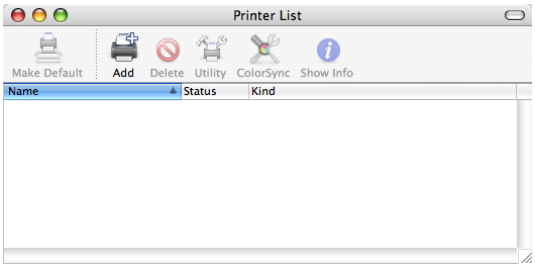
In Mac OS X 10.4.x, you can also check the Printer List from [Print and Fax] under System Preferences.

If the printer is not recognized automatically, make the setting manually as follows.

Using Mac OS X 10.4.x

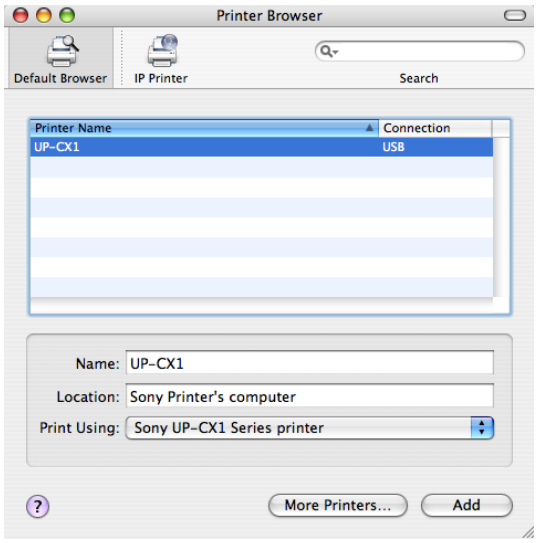
1 Open [Applications] - [Utilities] - [Printer Setup Utility].

The Printer List screen appears.



2 Click the [Add] button.

The Printer Browser screen appears.
You can also bring up the Printer Browser screen by clicking the [+] button in [Print and Fax].



3 Select the printer with your printer name in [Printer Name] and "USB" in [Connection].

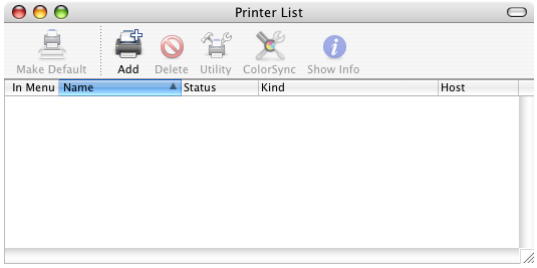
4 For [Print Using], select "SONY UP-CX1 series printer", and click the [Add] button.

The printer is now available for use.

Using Mac OS X 10.3.x

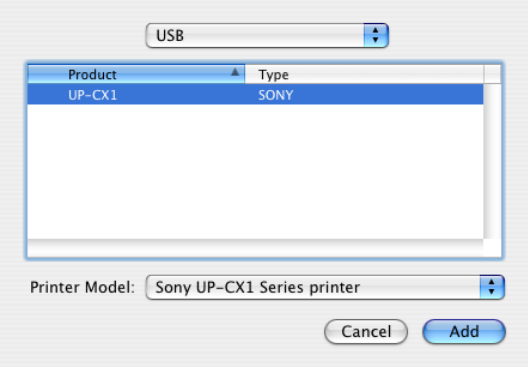
1 Open [Applications] - [Utilities] - [Printer Setup Utility].

The Printer List screen appears.



2 Click the [Add] button.

The following screen appears.



3 In the popup menu, select [USB].

4 Select the printer with your printer name in [Product] and "Sony" in [Type]. Select "SONY UP-CX1 series printer" for [Printer Model]. Then click the [Add] button.

The printer is now ready for use.

Using More Than One Printer

Installation Procedure

If more than one UP-CX1 series printer is to be connected to the computer, perform the installation procedure for the second and subsequent printers as described below.
The installation for the first printer must have been completed correctly, as described in the preceding section.
The explanation below applies for installing the second printer.

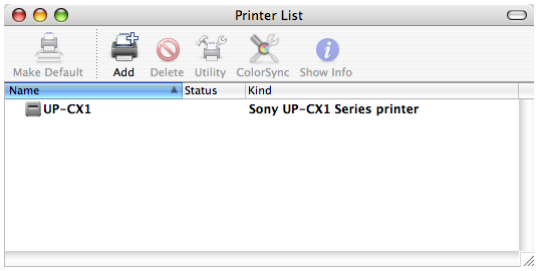
Using Mac OS X 10.4.x

1 Connect to the computer the UP-CX1 series printers for which installation has been completed.

If more than two UP-CX1 series printers have already been installed, connect them all to the computer.

2 Turn power to all connected printers on.

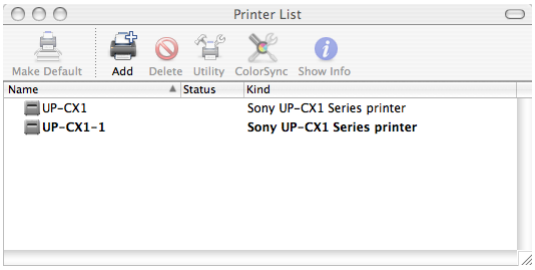
3 Open [Applications] - [Utilities] - [Printer Setup Utility].



4 Verify that all connected UP-CX1 series printers are shown in the Printer List.

5 Connect the printer to be added to the computer, and turn power to that printer on.

After a while, the connected printer will be automatically recognized and added to the Printer List.
When the printer is added to the list, the installation is complete.



You can also check the Printer List from [Print and Fax] under System Preferences.

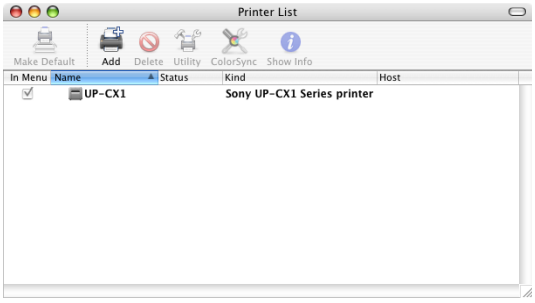
Using Mac OS X 10.3.x

1 Connect to the computer the UP-CX1 series printers for which installation has been completed.

If more than two UP-CX1 series printers have already been installed, connect them all to the computer.

2 Turn power to all connected printers on.

3 Open [Applications] - [Utilities] - [Printer Setup Utility].



4 Verify that all connected UP-CX1 series printers are shown in the Printer List.

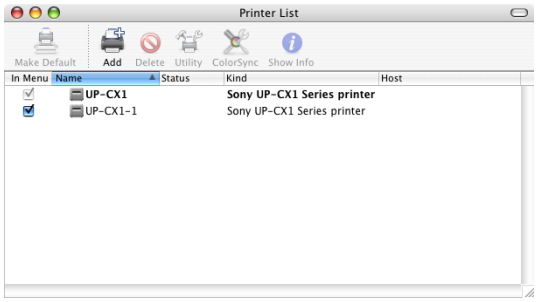
If there is already a printer with the same name as the printer to be added, change the name of the existing printer. For example, if the new printer is "UP-CX1" and there is already a "UP-CX1" in the Printer List, change the name of that printer as follows.

① Select the printer for which the name should be changed in the Printer List, and click the [Show Info] button.

② Enter the new name in the [Printer Name] field, and click the [Apply Changes] button.

5 Connect the printer to be added to the computer, and turn power to that printer on.

After a while, the connected printer will be automatically recognized and added to the Printer List.
When the printer is added to the list, the installation is complete.



Uninstalling the Printer Driver

Uninstallation Procedure

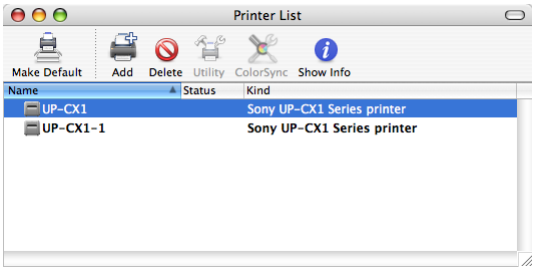
To uninstall the printer driver, proceed as follows.

1 Shut down all running applications.

2 Turn power to all UP-CX1 series printers connected to the computer off and disconnect the USB cables.

3 Open [Applications] - [Utilities] - [Printer Setup Utility].

The Printer List screen appears.



4 Select the printer model that you want to uninstall in the Printer List and click the [Delete] button.

Perform this operation for all printers of the same type that you want to uninstall.
(In Mac OS X 10.4.x, you can also select the printer in the Printer List of [Print and Fax] under System Preferences and delete the printer by clicking the [-] button.)

5 Open [Library] - [Receipts].

6 Move [UP-CX1Series.pkg] to the trash.

7 Open [Library] - [Printers] - [SONY] - [UP].

8 Move the files [UPCX1PM.plugin] and [UPCX1PrintColorSetup.plugin] to the trash.

9 In the [Finder] menu, select [Empty Trash].

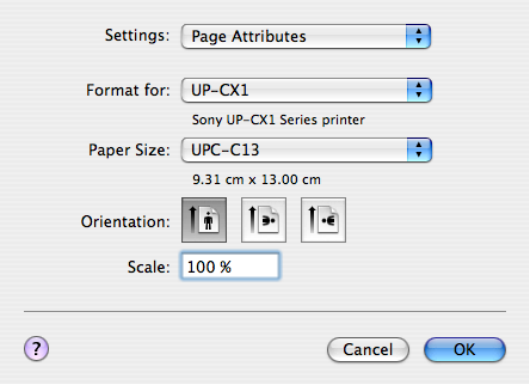
The printer driver is now uninstalled.

Making Page Settings

Before printing from an application, you should make the required page attribute settings.
Page attributes include the printer to use, the paper size, the paper orientation, and scale settings.

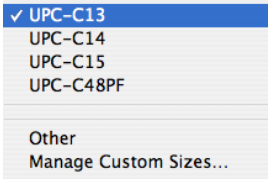
1 From the [File] menu in the application, select Page Setup.

The Page Attributes sheet appears.



2 Select the printer to use from the [Format for] list.

3 For [Paper Size], select either [UPC-C13], [UPC-C14], [UPC-C15], or [UPC-C48PF], depending on the paper size inserted in the printer.



If another setting is selected, printing will not be possible.

The maximum print area size according to the [Paper Size] setting is as follows.

Paper Size	Maximum print area
UPC-C13	1,536 × 1,100 (pixels)
UPC-C14	1,848 × 1,248 (pixels)
UPC-C15	2,148 × 1,536 (pixels)
UPC-C48PF	2,448 × 1,248 (pixels)

4 Select the desired paper [Orientation] setting.

5 Select the desired [Scale] setting when wishing to enlarge or reduce the image while printing.

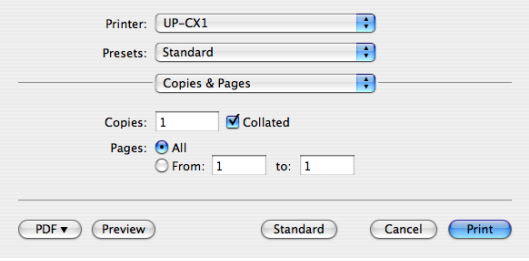
When the settings have been made, click the [OK] button.

Making Print Settings

Before printing from an application, you should make print settings on the print sheet.
To bring up the print sheet, access the [File] menu of the application, select [Print], and select the printer from the [Printers] popup menu.
Print settings include the number of copies to print, the use of digital camera correction, color balance settings, lightness, etc.

Setting the Number of Copies

1 Select the [Copies & Pages] popup menu in the print sheet.



2 Set the number of copies in the [Copies] field.

The setting range is 1 to 100 copies.
Settings higher than 100 will result in 100 copies being printed.*

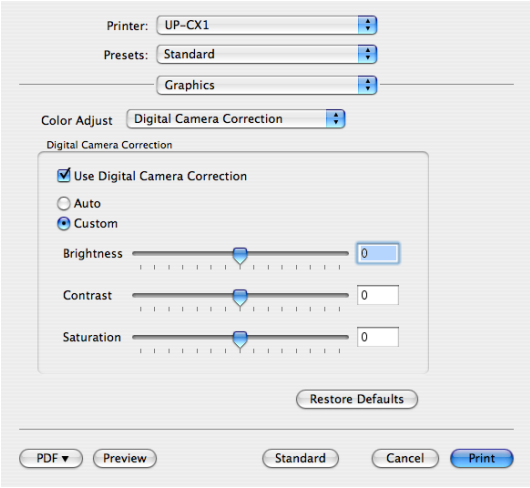
* For some applications, settings higher than 100 may be allowed.

Setting the Graphics Attributes

Select the [Graphics] popup menu in the print sheet.
The settings for digital camera correction, color balance, and lightness can be changed.

Digital camera correction

From the [Color Adjust] popup menu, select [Digital Camera Correction]



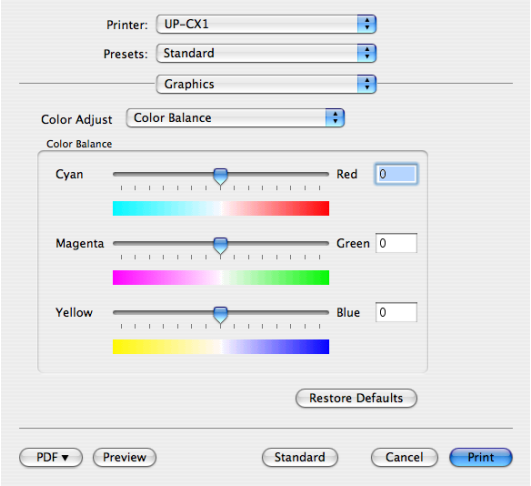
When you select the [Use Digital Camera Correction] check box, the settings become available.

- Selecting [Auto] will cause automatic processing for optimum results.
- Selecting [Custom] causes the sliders for [Brightness], [Contrast] and [Saturation] to become active. You can also directly enter values in the edit boxes.

Click the [Restore Defaults] button if you wish to return all digital camera correction settings to their default condition.

Color balance

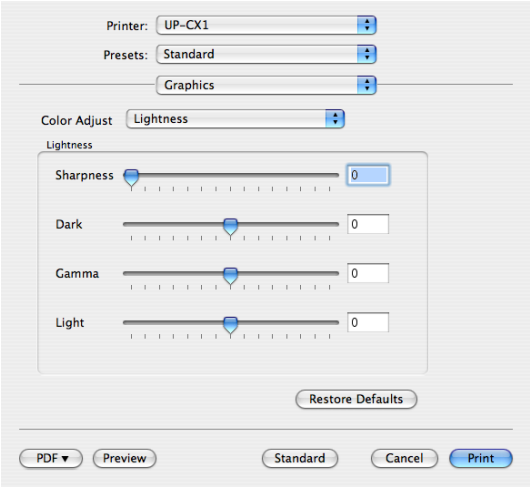
From the [Color Adjust] popup menu, select [Color Balance].



Adjust the color balance by moving the sliders left or right, or by directly entering values in the edit boxes.
Click the [Restore Defaults] button if you wish to return all color balance settings to their default condition.

Lightness

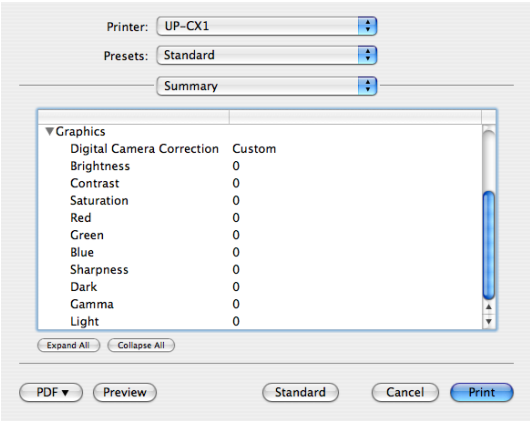
From the [Color Adjust] popup menu, select [Lightness].



Adjust the lightness by moving the sliders left or right, or by directly entering values in the edit boxes.
Click the [Restore Defaults] button if you wish to return all lightness settings to their default condition.

Checking the Print Settings

Select the [Summary] popup menu in the print sheet.
A list of print settings appears.



Printing

When all print settings are as desired, click the [Print] button.
Printing is carried out using the settings made on the page attributes sheet and the print sheet.